Root Zone Evolution Review Committee (RZERC)

RZERC Public Meeting

Duane Wessels

ICANN60 Annual General Meeting
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Summary

1 Overview

2 Membership

3 Types of Meeting

4 Transparency

5 Consideration of Proposals

6 RZERC Current Status

Overview

⊙ The Root Zone Evolution Review Committee reviews proposed architectural changes to the content of the DNS root zone, the systems including both hardware and software components used in executing changes to the DNS root zone, and the mechanisms used for distribution of the DNS root zone.

⊙ It provides advice and information to the ICANN Board of Directors and community on topics that are broadly related to the root zone evolution of the Internet.

RZERC and RSSAC
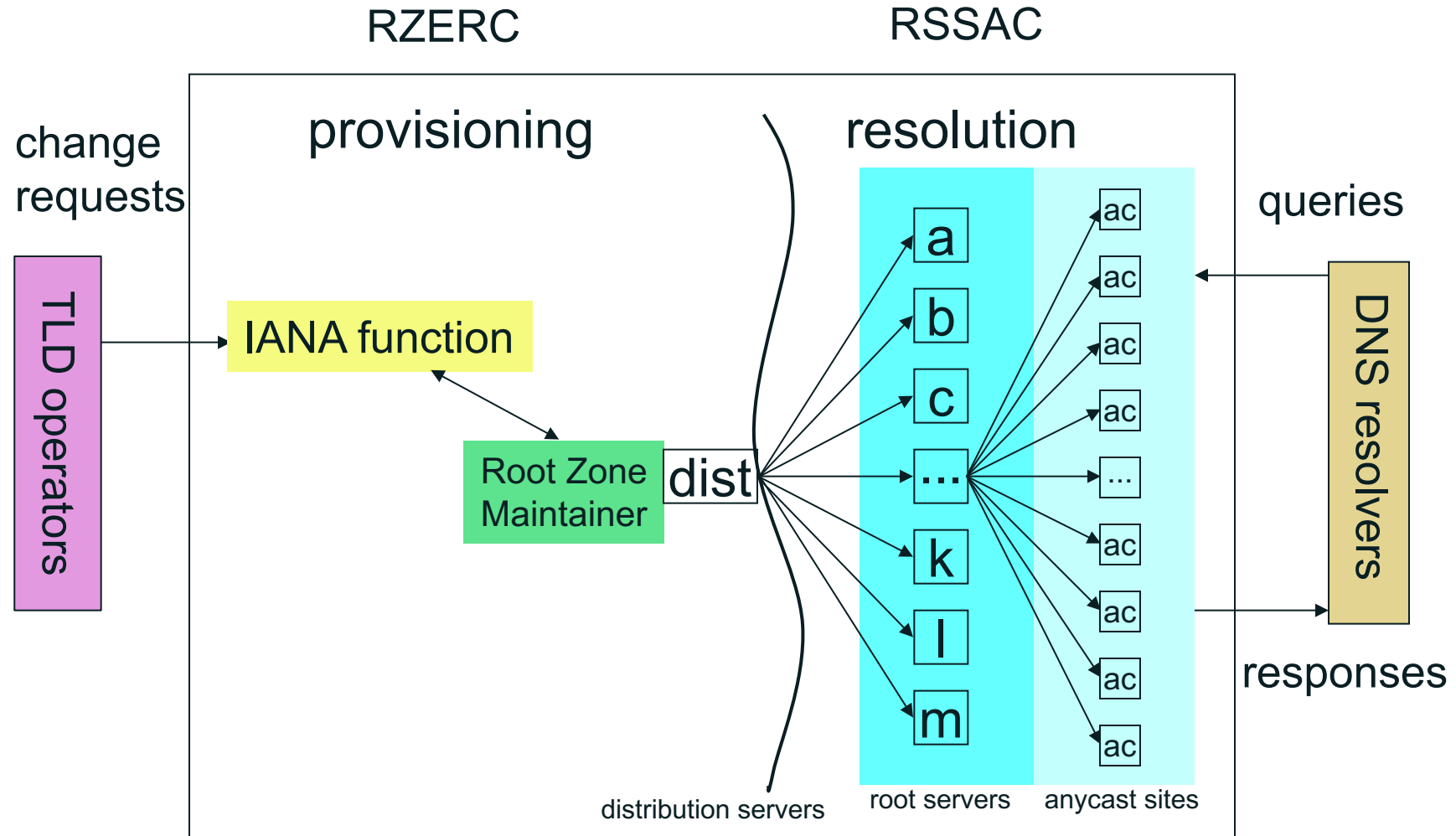
What is In-Scope vs Out-of-Scope?

⦿ Day-to-day routine TLD changes
  ○ Out-of-scope

⦿ Deployment of new DNS protocol features, such as DNSSEC in the past
  ○ In-scope

⦿ (more on this later)

Membership (2017)

Appointing Organization	Name
SSAC	Russ Mundy
RSSAC	Brad Verd
ASO	Carlos Martinez
IETF	Jim Reid
GNSO RySG	Howard Eland
ccNSO	Peter Koch
Root Zone Maintainer	Duane Wessels
ICANN Board	Kaveh Ranjbar
PTI	Kim Davies

See https://www.icann.org/rzerc-membership for current membership

Types of Meetings

- ⊙ **Regular meetings:** closed to the public and are held to conduct the work of the RZERC. Usually monthly.

- ⊙ **Public meetings:** used both to present the work of the RZERC and to engage the broader Internet community. Usually at ICANN or IETF meetings.

- ⊙ **Executive meetings:** used to discuss confidential matters

Transparency

⊙ Meeting recordings and transcripts are posted on the RZERC website when they become available.

⊙ Meeting minutes are published following the RZERC's approval at the subsequent meeting.

⊙ The mailing list archive is open. The link to the mailing list archive will be posted on the RZERC website.

⊙ The Chair will decide on publishing confidential discussions or sensitive topics during separate executive sessions.

Consideration of Proposals

- ◉ The Committee will consider issues or proposals raised to the Committee by any of its members, PTI staff, or by the Customer Standing Committee (CSC).

- ◉ Proposals to the Committee should state clearly:
  - The issues or proposed changes for the Committee's consideration
  - The potential impact to the DNS root zone
  - The timeline requested for the review, and
  - Any supporting documentations and references.

- ◉ Upon receiving the proposal, the Committee will convene a meeting on the proposal.
  - First, the Committee seeks to determine whether the proposal/issues falls within its charter remit, and that they are architectural in nature.
  - If the Committee decides that the proposal does not fall within its charter remit, it will reply to the requestor with its reasons in writing.
  - In cases where it does, the Committee will engage a consultation process as outlined in section 5.3.

Current Status

- RZERC Operational Procedures has been approved and published last September 2017.

- Latest updates, meetings information and documents can be found in RZERC's web site.

- RZERC is currently conducting a hypothetical evaluation of potential topics and scenarios, which will be used to guide the committee when considering future proposals.

Hypothetical Evaluation of Potential Topics

- ⊙ Location of root server instances.
  - ○ Strong consensus for out-of-scope

- ⊙ Changes to the set of metrics (e.g. defined by RSSAC002) RSOs are expected to publish.
  - ○ Moderate consensus for out-of-scope

- ⊙ Another round of new gTLDs, expected to increase the root zone by 1000 or more TLDs.
  - ○ No consensus on in-scope or out-of-scope

- ⊙ A change to the naming scheme of root servers, as has been discussed by RSSAC028.
  - ○ Moderate consensus for in-scope

Contact Information

- ## RZERC Website

  – https://www.icann.org/rzerc

  – Comments and support please contact
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